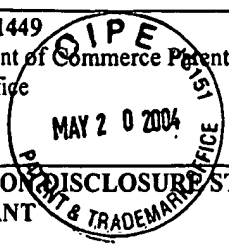


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U.S. PATENT DOCUMENTS

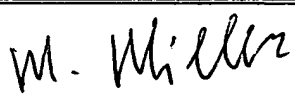
EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

MM	AA	Akey et al., "Melting Curve Analysis of SNPs (McSNP®): A Gel-Free and Inexpensive Approach for SNP Genotyping", <i>BioTechniques</i> 2001 Feb; 30(2): 358-67
MM	AB	Akey et al., "Interaction between the melanocortin-1 receptor and P genes contributes to inter-individual variation in skin pigmentation phenotypes in a Tibetan population" <i>Hum Genet.</i> 2001 June; 108(6):516-520
MM	AC	Boissy et al., "Mutation in and lack of expression of tyrosinase-related protein-1 (TRP-1) in melanocytes from an individual with brown oculocutaneous albinism: a new subtype of albinism classified as "OCA3"", <i>Am J Hum Genet.</i> 1996 June; 58(6):1145-56
MM	AD	Bonilla et al., "Admixture in the Hispanics of the San Luis Valley, Colorado, and its implications for complex trait gene mapping", <i>Ann Hum Genet.</i> March 2004; 68(Pt 2):139-53
MM	AE	Box et al., "Melanocortin-1 receptor genotype is a risk factor for basal and squamous cell carcinoma", <i>J Invest Dermatol.</i> 2001 Feb; 116(2):224-9
MM	AF	Briscoe et al., "Linkage disequilibrium in admixed populations: applications in gene mapping", <i>J Hered.</i> 1994 Jan-Feb; 85(1):59-63

EXAMINER 	DATE CONSIDERED 1/23/06
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MM	AG	Burroughs et al., "Racial and ethnic differences in response to medicines: towards individualized pharmaceutical treatment", <i>J Natl Med Assoc.</i> 2002 Oct; 94(10 Suppl):1-26
↑	AH	Chakraborty et al., "Admixture as a tool for finding linked genes and detecting that difference from allelic association between loci", <i>Proc Natl Acad Sci U S A.</i> 1988 Dec; 85(23):9119-23
	AI	Chakraborty et al., "'Unique' alleles in admixed populations: a strategy for determining 'hereditary' population differences of disease frequencies", <i>Ethn Dis.</i> 1991; 1(3):245-56
	AJ	Chakraborty, "Multiple alleles and estimation of genetic parameters: computational equations showing involvement of all alleles", <i>Genetics.</i> 1992 Jan; 130(1):231-4
	AK	Cohen, "Redheads and pain", <i>The Scientist</i> , 2002 Nov; 16(22): 10
	AL	Collins-Schramm et al., "Ethnic-Difference Markers for Use in Mapping by Admixture Linkage Disequilibrium", <i>Am J Hum Genet.</i> 2002 Mar; 70(3):737-50
	AM	Devlin et al., "Genomic control for association studies", <i>Biometrics.</i> 1999 Dec; 55(4):997-1004
	AN	Durham-Pierre et al., "Estimation of carrier frequency of a 2.7 kb deletion allele of the P gene associated with OCA2 in African-Americans", <i>Hum Mutat.</i> 1996; 7(4):370-3
	AO	Fernández et al., "Association of African genetic admixture with resting metabolic rate and obesity among women", <i>Obes Res.</i> 2003 Jul; 11(7):904-11
	AP	Flanagan et al., "Pleiotropic effects of the melanocortin 1 receptor (MC1R) gene on human pigmentation", <i>Hum Mol Genet.</i> 2000 Oct 12; 9(17):2531-7
	AQ	Frudakis et al., "A classifier for the SNP-based inference of ancestry", <i>J Forensic Sci.</i> 2003 Jul; 48(4):771-82
↓	AR	Frudakis et al., "Sequences associated with human iris pigmentation", <i>Genetics.</i> 2003 Dec; 165(4):2071-83

EXAMINER <i>M. Miller</i>	DATE CONSIDERED <i>1/23/06</i>
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MM	AS	Halder et al., "Measuring and using admixture to study the genetics of complex diseases", <i>Human Genomics</i> . 2003 Nov; 1(1):52-62
↑	AT	Hanis et al., "Individual admixture estimates: disease associations and individual risk of diabetes and gallbladder disease among Mexican-Americans in Starr County, Texas", <i>Am J Phys Anthropol</i> . 1986 Aug; 70(4):433-41
	AU	Jorde, "Linkage disequilibrium and the search for complex disease genes", <i>Genome Res</i> . 2000 Oct; 10(10):1435-44
	AV	Kanetsky et al., "A polymorphism in the agouti signaling protein gene is associated with human pigmentation", <i>Am J Hum Genet</i> . 2002 Mar; 70(3):770-5
	AW	Merriwether et al., "Mitochondrial versus nuclear admixture estimates demonstrate a past history of directional mating", <i>Am J Phys Anthropol</i> . 1997 Feb; 102(2):153-9
	AX	McKeigue, "Mapping genes that underlie ethnic differences in disease risk: methods for detecting linkage in admixed populations, by conditioning on parental admixture", <i>Am J Hum Genet</i> . 1998 Jul; 63(1):241-51
	AY	McKeigue et al., "Estimation of admixture and detection of linkage in admixed populations by a Bayesian approach: application to African-American populations", <i>Ann Hum Genet</i> . 2000 Mar; 64(Pt 2):171-86
	AZ	Nordborg et al., "Linkage disequilibrium: what history has to tell us", <i>Trends Genet</i> . 2002 Feb; 18(2):83-90
	BA	Oetting et al., "Molecular basis of albinism: mutations and polymorphisms of pigmentation genes associated with albinism", <i>Hum Mutat</i> . 1999; 13(2):99-115
	BB	Ooi et al., "Altered expression of a novel adaptin leads to defective pigment granule biogenesis in the Drosophila eye color mutant garnet", <i>EMBO J</i> . 1997 Aug; 16(15):4508-18
✓	BC	Parra et al., "Estimating African American admixture proportions by use of population-specific alleles", <i>Am J Hum Genet</i> . 1998 Dec; 63(6):1839-51

EXAMINER <i>m. Miller</i>	DATE CONSIDERED <i>1/23/06</i>
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MM	BD	Parra et al., "Ancestral proportions and admixture dynamics in geographically defined African Americans living in South Carolina", <i>Am J Phys Anthropol.</i> 2001 Jan; 114(1):18-29
↑	BE	Pritchard et al., "Inference of population structure using multilocus genotype data", <i>Genetics.</i> 2000 Jun; 155(2):945-59
	BF	Pritchard et al., "Case-control studies of association in structured or admixed populations", <i>Theor Popul Biol.</i> 2001 Nov; 60(3):227-37
	BG	Rebeck et al., "P gene as an inherited biomarker of human eye color", <i>Cancer Epidemiol Biomarkers Prev.</i> 2002 Aug; 11(8):782-4
	BH	Risch et al., "The future of genetic studies of complex human diseases", <i>Science.</i> 1996 Sep; 273(5281):1516-7
	BI	Robbins et al., "Pigmentation phenotypes of variant extension locus alleles result from point mutations that alter MSH receptor function", <i>Cell.</i> 1993 Mar; 72(6):827-34
	BJ	Rosenberg et al., "Genetic structure of human populations", <i>Science.</i> 2002 Dec; 298(5602):2381-5
	BK	Shriver et al., "Ethnic-affiliation estimation by use of population-specific DNA markers", <i>Am J Hum Genet.</i> 1997 Apr; 60(4):957-64
	BL	Shriver et al., "Skin pigmentation, biogeographical ancestry and admixture mapping", <i>Hum Genet.</i> 2003 Apr; 112(4):387-99
	BM	Smith et al., "A high-density admixture map for disease gene discovery in african Americans", <i>Am J Hum Genet.</i> 2004 May; 74(5):1001-13
	BN	Smith et al., "Melanocortin 1 receptor variants in an Irish population", <i>J Invest Dermatol.</i> 1998 Jul; 111(1):119-22
↓	BO	Stephens et al., "Mapping by admixture linkage disequilibrium in human populations: limits and guidelines", <i>Am J Hum Genet.</i> 1994 Oct; 55(4):809-24

EXAMINER m. muller	DATE CONSIDERED 1/23/06
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MM	BP	Sturm et al., "Human pigmentation genes: identification, structure and consequences of polymorphic variation", <i>Gene</i> . 2001 Oct 17; 277(1-2):49-62
MM	BQ	Terwilliger et al., "A bias-ed assessment of the use of SNPs in human complex traits", <i>Curr Opin Genet Dev</i> . 2002 Dec; 12(6):726-34
MM	BR	Tseng et al., Genetic admixture and gallbladder disease in Mexican Americans", <i>Am J Phys Anthropol</i> . 1998 Jul; 106(3):361-71

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